

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	67	Wireless\$4 (Access\$3 adj Point\$3) (Smart\$3 near5 (Chip\$3 or Card\$3)) ((Mobile\$4 near3 telephon\$4)or (cell\$3 near3 phone\$3)) "802.11" (Bluetooth\$3 or Blue-tooth\$3 ) Transact\$5 Database\$4 (Identi\$5 near4 informat\$5) Accoun\$4 Change\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L7	71	("20010018660"   "4599490"   "4700374"   "4724435"   "4740792"   "4754495"   "4866732"   "4905301"   "4951279"   "4956875"   "4972455"   "4972456"   "5020091"   "5020092"   "5020093"   "5073900"   "5119397"   "5163131"   "5216427"   "5239647"   "5247699"   "5257400"   "5303286"   "5307400"   "5339330"   "5353331"   "5353352"   "5369681"   "5371898"   "5392355"   "5394560"   "5446756"   "5475734"   "5488649"   "5511233"   "5526404"   "5533023"   "5535430"   "5555257"   "5586165"   "5590395"   "5592470"   "5594740"   "5594780"   "5612703"   "5618045"   "5636920"   "5647795"   "5649292"   "5659878"   "5794207"   "5812968"   "5832379"   "5835857"   "5859841"   "5867765"   "5878329"   "5915207"   "5940753"   "5995832"   "6038455"   "6052629"   "6091955"   "6107932"   "6108561"   "6192349"   "6496809"   "6738150").PN. OR ("7031945"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L8	68	L7 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L9	0	L8 Wireless\$4 (Access\$3 adj Point\$3) (Smart\$3 near5 (Chip\$3 or Card\$3)) ((Mobile\$4 near3 telephon\$4)or (cell\$3 near3 phone\$3)) Transact\$5 Database\$4 (Identi\$5 near4 informat\$5) Accoun\$4 Change\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L14	143	Wireless\$4 (Access\$3 adj Point\$3) (Smart\$3 near5 (Chip\$3 or Card\$3)) ((Mobile\$4 near3 telephon\$4)or (cell\$3 near3 phone\$3)) (Bluetooth\$3 or Blue-tooth\$3 ) Transact\$5 Database\$4 (Identi\$5 near4 informat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L15	76	L14 not L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L16	2	(US-7031945-\$ or US-5664110-\$ or US-5761647-\$).did.	USPAT	AND	ON	2007/08/05 23:41
L17	42	Wireless\$4 (Access\$3 adj Point\$3) (Smart\$3 near5 (Chip\$3 or Card\$3)) ((Mobile\$4 near3 telephon\$4)or (cell\$3 near3 phone\$3)) "802.11" (Bluetooth\$3 or Blue-tooth\$3 ) Transact\$5 Database\$4 (Identi\$5 near4 informat\$5) Accoun\$4 Change\$4 Displa\$3 Screen\$4 authent\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L18	69	authent\$6 smar\$4 chip\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/05 23:41
L19	1	authent\$6 smar\$4 chip\$4 wireless\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/08/05 23:41
L20	1	(authent\$6 with smar\$4 with chip\$4) wireless\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/05 23:41
L21	23	(authent\$6 with smar\$4 with chip\$4) wireless\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L22	1	L8 Wireless\$4 (Smart\$3 near5 (Chip\$3 or Card\$3)) ((Mobile\$4 near3 telephon\$4)or (cell\$3 near3 phone\$3)) Database\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L23	1	"5584043".pn.	USPAT	AND	ON	2007/08/05 23:41
L24	1	"5815557".pn.	USPAT	AND	ON	2007/08/05 23:41
L25	0	L16 (Access\$3 adj Point\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L26	11	HALEY-JEFFREY-T.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L27	11	haley-jeffrey-t.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L28	2	L6 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L29	71	("20010018660"   "4599490"   "4700374"   "4724435"   "4740792"   "4754495"   "4866732"   "4905301"   "4951279"   "4956875"   "4972455"   "4972456"   "5020091"   "5020092"   "5020093"   "5073900"   "5119397"   "5163131"   "5216427"   "5239647"   "5247699"   "5257400"   "5303286"   "5307400"   "5339330"   "5353331"   "5353352"   "5369681"   "5371898"   "5392355"   "5394560"   "5446756"   "5475734"   "5488649"   "5511233"   "5526404"   "5533023"   "5535430"   "5555257"   "5586165"   "5590395"   "5592470"   "5594740"   "5594780"   "5612703"   "5618045"   "5636920"   "5647795"   "5649292"   "5659878"   "5794207"   "5812968"   "5832379"   "5835857"   "5859841"   "5867765"   "5878329"   "5915207"   "5940753"   "5995832"   "6038455"   "6052629"   "6091955"   "6107932"   "6108561"   "6192349"   "6496809"   "6738150").PN. OR ("7031945"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L30	68	L7 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L31	2	L28 Displa\$3 Screen\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L32	67	Wireless\$4 (Access\$3 adj Point\$3) (Smart\$3 near5 (Chip\$3 or Card\$3)) ((Mobile\$4 near3 telephon\$4)or (cell\$3 near3 phone\$3)) "802.11" (Bluetooth\$3 or Blue-tooth\$3 ) Transact\$5 Database\$4 (Identi\$5 near4 informat\$5) Accoun\$4 Change\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L33	57	("4373133"   "4779706"   "4787467"   "4792018"   "4833308"   "4882724"   "4947028"   "4949256"   "4973952"   "5047614"   "5192854"   "5227874"   "5250789"   "5287266"   "5294781"   "5297882"   "5340970"   "5361871"   "5420606"   "5424524"   "5426282"   "5437346"   "5457307"   "5463209"   "5469206"   "5478989"   "5490060"   "5630068"   "5664110"   "5761648"   "5821513"   "5859414"   "5918211"   "5950173"   "5970469"   "5995015"   "6000610"   "6009411"   "6014634"   "6026376"   "6055573"   "6076069"   "6084528"   "6101483"   "6101485"   "6119935"   "6123259"   "6129274"   "6155486"   "6168079"   "6185541"   "6189789"   "6237145"   "6296184"   "6298330"   "6317722"   "6330543").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L34	32	("20020006010"   "4654871"   "4715559"   "5018202"   "5267320"   "5336856"   "5502869"   "5511127"   "5526421"   "5526432"   "5583943"   "5638454"   "5692054"   "5715320"   "5733320"   "5781640"   "5815582"   "5828768"   "5834647"   "5841978"   "5845236"   "5852667"   "5917919"   "5995632"   "6049615"   "6061456"   "6084971"   "6188770"   "6232994"   "6275592"   "6285773"   "6324573").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L35	23	("20030083943"   "5643086"   "5741183"   "5761647"   "5770533"   "5833540"   "5871398"   "5951397"   "5954583"   "6003013"   "6048269"   "6089975"   "6104815"   "6106396"   "6113495"   "6135884"   "6149522"   "6162122"   "6183362"   "6210279"   "6244958"   "6450885"   "6561903").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L36	4	("20030055541"   "20030090382"   "20030128122"   "20040021581"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41

## EAST Search History

L37	68	("20010018660"   "4599490"   "4700374"   "4724435"   "4740792"   "4754495"   "4866732"   "4905301"   "4951279"   "4956875"   "4972455"   "4972456"   "5020091"   "5020092"   "5020093"   "5073900"   "5119397"   "5163131"   "5216427"   "5239647"   "5247699"   "5257400"   "5303286"   "5307400"   "5339330"   "5353331"   "5353352"   "5369681"   "5371898"   "5392355"   "5394560"   "5446756"   "5475734"   "5488649"   "5511233"   "5526404"   "5533023"   "5535430"   "5555257"   "5586165"   "5590395"   "5592470"   "5594740"   "5594780"   "5612703"   "5618045"   "5636920"   "5647795"   "5649292"   "5659878"   "5794207"   "5812968"   "5832379"   "5835857"   "5859841"   "5867765"   "5878329"   "5915207"   "5940753"   "5995832"   "6038455"   "6052629"   "6091955"   "6107932"   "6108561"   "6192349"   "6496809"   "6738150").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L38	57	L33 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L39	32	L34 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L40	22	L35 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L41	2	"5220501".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L42	2	(US-7031945-\$ or US-5664110-\$ or US-5761647-\$).did.	USPAT	AND	ON	2007/08/05 23:41
L43	71	("20010018660"   "4599490"   "4700374"   "4724435"   "4740792"   "4754495"   "4866732"   "4905301"   "4951279"   "4956875"   "4972455"   "4972456"   "5020091"   "5020092"   "5020093"   "5073900"   "5119397"   "5163131"   "5216427"   "5239647"   "5247699"   "5257400"   "5303286"   "5307400"   "5339330"   "5353331"   "5353352"   "5369681"   "5371898"   "5392355"   "5394560"   "5446756"   "5475734"   "5488649"   "5511233"   "5526404"   "5533023"   "5535430"   "5555257"   "5586165"   "5590395"   "5592470"   "5594740"   "5594780"   "5612703"   "5618045"   "5636920"   "5647795"   "5649292"   "5659878"   "5794207"   "5812968"   "5832379"   "5835857"   "5859841"   "5867765"   "5878329"   "5915207"   "5940753"   "5995832"   "6038455"   "6052629"   "6091955"   "6107932"   "6108561"   "6192349"   "6496809"   "6738150").PN. OR ("7031945").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/05 23:41
L44	2	L17 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L45	3	L21 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L46	426	("5220501").URPN.	USPAT	AND	ON	2007/08/05 23:41

## EAST Search History

L47	40140	( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L48	14913	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L49	7569	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41



## EAST Search History

L50	66	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/05 23:41
L51	15	L50 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L52	34	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) with ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) with ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/05 23:41

## EAST Search History

L53	4	L52 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L54	66	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( ( MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) with ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) with ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L55	37	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (Encrypt\$5 or encipher\$5 or cipher\$5 or scrambl\$5 or crypto\$6) or (decrypt\$6 or decipher\$5 or descrambl\$5 or crypto\$6 ) ) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) with ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) with ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L56	4	L55 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L57	89	(Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (Encrypt\$5 or encipher\$5 or cipher\$5 or scrambl\$5 or crypto\$6) or (decrypt\$6 or decipher\$5 or descrambl\$5 or crypto\$6 ) ) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) same ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) same ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L58	21	L57 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L59	8	(US-20020043557-\$ or US-20030046554-\$).did. or (US-7031945-\$ or US-5664110-\$ or US-5761647-\$ or US-6513719-\$ or US-6182892-\$ or US-6098878-\$ or US-5604787-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41

## EAST Search History

L60	4	L59 (Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( (Encrypt\$5 or encipher\$5 or cipher\$5 or scrambl\$5 or crypto\$6) or (decrypt\$6 or decipher\$5 or descrambl\$5 or crypto\$6 ) ) ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L61	1	L59 ( ( (MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) with ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) with ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L62	5	L59 ( ( MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) same ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) same ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L63	5	L59 (Authenticat\$5 or Authoriz\$6 or Permi\$6 or Verif\$8 or Certif\$8 or Validat\$6 or Endorse\$7 or Corroborat\$6 or Approv\$6 or Confir\$7 or Credent\$6) ( ( MultiMediaCard\$2 or MMC\$1) or (flash adj2 memory adj2 card\$1) or ((SanDisk\$1 or SD) adj2 card\$1) or CompactFlash\$1 or (removable adj2 memory adj2 unit) or (IC adj2 card\$1) or (Smart adj2 card\$1) or (IC adj2 Chip) or (smart adj2 card\$1) or (chip adj2 card\$1) or ((Integrated adj2 circuit\$1 adj2 card\$1) or (ICC)) or (Microprocessor adj2 card\$1)) same ((Hack adj proof) or Duplicat\$4 or Reproduc\$5 or Replic\$4 or Clone\$4 or Copy\$3 or Fake\$3) same ((Telep\$6 or Car\$2 or Cell\$2 or Cellular\$3 or Wireless or Mobile\$6 or Portable\$6 or Transportable or Hand\$4 or Radio\$6 or Bluetooth\$4) near3 phone\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L64	0	10/236291	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L65	4	"10236291"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L66	0	10/236291	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L67	8	(US-20020043557-\$ or US-20030046554-\$).did. or (US-7031945-\$ or US-5664110-\$ or US-5761647-\$ or US-6513719-\$ or US-6182892-\$ or US-6098878-\$ or US-5604787-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L68	4129	(Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wirelless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) ((Access\$3 adj Point\$4) or (Base adj Station\$2) ) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Password\$2 or Pass?phrase\$2 or Secret?code or Secret?word or PIN or Login\$2 or Sign) (Databas\$4 or Record\$4 or Informat\$4) (\$4portab\$4 or MultiMedia?Card or MMC or SanDisk\$2 or CompactFlash\$2 or (MMC?SD near card\$2) or (removable near memory) or smart\$8 or IC\$1 or \$4Chip\$4 or (integrated adj circuit\$2) or SIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L69	9	(US-20020043557-\$ or US-20030046554-\$).did. or (US-5604787-\$ or US-5664110-\$ or US-5761647-\$ or US-6098878-\$ or US-6182892-\$ or US-6513719-\$ or US-7031945-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L70	977	L68 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L71	1	(Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wireless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) ((Access\$3 adj Point\$4) or (Base adj Station\$2) ) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Password\$2 or Pass?phrase\$2 or Secret?code or Secret?word or PIN or Login\$2 or Sign) (Databas\$4 or Record\$4 or Informat\$4) (\$4portab\$4 or MultiMedia?Card or MMC or SanDisk\$2 or CompactFlash\$2 or (MMC?SD near card\$2) or (removable near memory) or smart\$8 or IC\$1 or \$4Chip\$4 or (integrated adj circuit\$2) or SIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/08/05 23:41
L72	1	L71 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L73	0	L70 ( (Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wireless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L74	1179	( (Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wireless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41



## EAST Search History

L75	428	L74 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L76	0	L70 L75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L77	3414	( (Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wirelless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) (\$4portab\$4 or MultiMedia?Card or MMC or SanDisk\$2 or CompactFlash\$2 or (MMC?SD near card\$2) or (removable near memory) or smart\$8 or IC\$1 or \$4Chip\$4 or (integrated adj circuit\$2) or SIM) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L78	955	L77 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L79	2311	L70 L75 L78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 23:41
L80	2311	L79 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L81	103419	"726".clas. "713".clas. "380".clas. "705".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/05 23:41

## EAST Search History

L82	43827	L81 @ad<"20010904"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L83	301	L80 L82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L84	26	(US-20020043557-\$ or US-20030046554-\$).did. or (US-5604787-\$ or US-5664110-\$ or US-5761647-\$ or US-6098878-\$ or US-6182892-\$ or US-6513719-\$ or US-7031945-\$ or US-7170878-\$ or US-7165173-\$ or US-7139822-\$ or US-7136631-\$ or US-7134024-\$ or US-7107247-\$ or US-7088990-\$ or US-7012503-\$ or US-7010601-\$ or US-6990683-\$ or US-6985742-\$ or US-6970183-\$ or US-6925560-\$ or US-6895240-\$ or US-6894994-\$ or US-6885877-\$ or US-7031665-\$). did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L85	294	L83 not L84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L86	2	"6847816".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L87	44	(US-20020043557-\$ or US-20030046554-\$ or US-20030191721-\$ or US-20020169706-\$ or US-20020147920-\$ or US-20020143634-\$ or US-20020062385-\$).did. or (US-5604787-\$ or US-5664110-\$ or US-5761647-\$ or US-6098878-\$ or US-6182892-\$ or US-6513719-\$ or US-7031945-\$ or US-7170878-\$ or US-7165173-\$ or US-7139822-\$ or US-7136631-\$ or US-7134024-\$ or US-7107247-\$ or US-7088990-\$ or US-7012503-\$ or US-7010601-\$ or US-6990683-\$ or US-6985742-\$ or US-6970183-\$ or US-6925560-\$ or US-6895240-\$ or US-6894994-\$ or US-6885877-\$ or US-7031665-\$ or US-7200566-\$ or US-6868391-\$). did. or (US-6847816-\$ or US-6778834-\$ or US-6732278-\$ or US-6707915-\$ or US-6621425-\$ or US-6487180-\$ or US-6442532-\$ or US-6434158-\$ or US-6199045-\$ or US-6151677-\$ or US-6142369-\$ or US-5629981-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L88	44	(US-20020043557-\$ or US-20030046554-\$ or US-20030191721-\$ or US-20020169706-\$ or US-20020147920-\$ or US-20020143634-\$ or US-20020062385-\$).did. or (US-5604787-\$ or US-5664110-\$ or US-5761647-\$ or US-6098878-\$ or US-6182892-\$ or US-6513719-\$ or US-7031945-\$ or US-7170878-\$ or US-7165173-\$ or US-7139822-\$ or US-7136631-\$ or US-7134024-\$ or US-7107247-\$ or US-7088990-\$ or US-7012503-\$ or US-7010601-\$ or US-6990683-\$ or US-6985742-\$ or US-6970183-\$ or US-6925560-\$ or US-6895240-\$ or US-6894994-\$ or US-6885877-\$ or US-7031665-\$ or US-7200566-\$ or US-6868391-\$). did. or (US-6847816-\$ or US-6778834-\$ or US-6732278-\$ or US-6707915-\$ or US-6621425-\$ or US-6487180-\$ or US-6442532-\$ or US-6434158-\$ or US-6199045-\$ or US-6151677-\$ or US-6142369-\$ or US-5629981-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41

## EAST Search History

L89	34	L88 (Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wireless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) ((Access\$3 adj Point\$4) or (Base adj Station\$2) ) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Password\$2 or Pass?phrase\$2 or Secret?code or Secret?word or PIN or Login\$2 or Sign) (Databas\$4 or Record\$4 or Informat\$4) (\$4portab\$4 or MultiMedia?Card or MMC or SanDisk\$2 or CompactFlash\$2 or (MMC?SD near card\$2) or (removable near memory) or smart\$8 or IC\$1 or \$4Chip\$4 or (integrated adj circuit\$2) or SIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L90	26	(US-20020147920-\$).did. or (US-6732278-\$ or US-6925560-\$ or US-7134024-\$ or US-6487180-\$ or US-7031945-\$ or US-7170878-\$ or US-7139822-\$ or US-6868391-\$ or US-7088990-\$ or US-6990683-\$ or US-7136631-\$ or US-6707915-\$ or US-6142369-\$ or US-6442532-\$ or US-7107247-\$ or US-6778834-\$ or US-6621425-\$ or US-6970183-\$ or US-5629981-\$ or US-7012503-\$ or US-6885877-\$ or US-6847816-\$ or US-7031665-\$ or US-6151677-\$ or US-7010601-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L91	10	L88 not L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41

## EAST Search History

L92	30	(US-20020147920-\$ or US-20030191721-\$ or US-20020143634-\$).did. or (US-6732278-\$ or US-6925560-\$ or US-7134024-\$ or US-6487180-\$ or US-7031945-\$ or US-7170878-\$ or US-7139822-\$ or US-6868391-\$ or US-7088990-\$ or US-6990683-\$ or US-7136631-\$ or US-6707915-\$ or US-6142369-\$ or US-6442532-\$ or US-7107247-\$ or US-6778834-\$ or US-6621425-\$ or US-6970183-\$ or US-5629981-\$ or US-7012503-\$ or US-6885877-\$ or US-6847816-\$ or US-7031665-\$ or US-6151677-\$ or US-7010601-\$ or US-7200566-\$). did. or (US-6098878-\$ or US-5604787-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L93	30	(US-20030191721-\$ or US-20020147920-\$ or US-20020143634-\$).did. or (US-7200566-\$ or US-7170878-\$ or US-7139822-\$ or US-7088990-\$ or US-7136631-\$ or US-7134024-\$ or US-7107247-\$ or US-7031945-\$ or US-7010601-\$ or US-7031665-\$ or US-7012503-\$ or US-6970183-\$ or US-6990683-\$ or US-6925560-\$ or US-6847816-\$ or US-6885877-\$ or US-6732278-\$ or US-6868391-\$ or US-6778834-\$ or US-6621425-\$ or US-6707915-\$ or US-6442532-\$ or US-6487180-\$ or US-6142369-\$ or US-6151677-\$ or US-6098878-\$). did. or (US-5629981-\$ or US-5604787-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41
L94	26	(US-20020147920-\$).did. or (US-6732278-\$ or US-6925560-\$ or US-7134024-\$ or US-6487180-\$ or US-7031945-\$ or US-7170878-\$ or US-7139822-\$ or US-6868391-\$ or US-7088990-\$ or US-6990683-\$ or US-7136631-\$ or US-6707915-\$ or US-6142369-\$ or US-6442532-\$ or US-7107247-\$ or US-6778834-\$ or US-6621425-\$ or US-6970183-\$ or US-5629981-\$ or US-7012503-\$ or US-6885877-\$ or US-6847816-\$ or US-7031665-\$ or US-6151677-\$ or US-7010601-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:41

## EAST Search History

L95	26	L93 (Transact\$4 or \$4commer\$4 or \$4Business\$4 or \$4Internet\$4 or Credit?card\$2 or Point?of ?sale) ((\$4Mobil\$4 or Cell\$4 or Handheld or Wirelless\$4 or Radio) near \$4phone\$4) (Receiv\$4 or Communicat\$4 or Transmi\$5 or Send\$4 or Transceiv\$4 or Bi?direction\$4 or two-way) ((Access\$3 adj Point\$4) or (Base adj Station\$2) ) (\$4Authenticat\$5 or \$4Authoriz\$6 or \$4Permi\$6 or \$4Verif\$8 or \$4Certif\$8 or \$4Validat\$6 \$4Approv\$6 or \$4Confir\$7 or \$4Credent\$6) (\$4crypt\$5 or \$4cipher\$5 or \$4scrambl\$5) (ID or Identificat\$4 or Username\$3 or Login\$2 or Sign\$2 or Account\$4) (Password\$2 or Pass?phrase\$2 or Secret?code or Secret?word or PIN or Login\$2 or Sign) (Databas\$4 or Record\$4 or Informat\$4) (\$4portab\$4 or MultiMedia?Card or MMC or SanDisk\$2 or CompactFlash\$2 or (MMC?SD near card\$2) or (removable near memory) or smart\$8 or IC\$1 or \$4Chip\$4 or (integrated adj circuit\$2) or SIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/05 23:41
L96	31	(US-20020147920-\$ or US-20030191721-\$ or US-20020143634-\$).did. or (US-6442532-\$ or US-6098878-\$ or US-5604787-\$ or US-7170878-\$ or US-7139822-\$ or US-7136631-\$ or US-7134024-\$ or US-7107247-\$ or US-7088990-\$ or US-7031665-\$ or US-7012503-\$ or US-7010601-\$ or US-6990683-\$ or US-6778834-\$ or US-6732278-\$ or US-6707915-\$ or US-6621425-\$ or US-6487180-\$ or US-6151677-\$ or US-6142369-\$ or US-5629981-\$ or US-6970183-\$ or US-6925560-\$ or US-6885877-\$ or US-6868391-\$ or US-6847816-\$). did. or (US-7200566-\$ or US-7031945-\$).did.	US-PGPUB; USPAT	AND	ON	2007/08/05 23:38